

## ECS Configuration Change Request

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Page(s)

<b>1. Originator</b> Abdulnashir M. Shash	<b>2. Log Date:</b> <b>02/25/03</b>	<b>3. CCR #:</b> <b>03-0123</b>	<b>4. Rev:</b> —	<b>5. Tel:</b> 301-925-0832	<b>6. Rm #:</b> 2009k	<b>7. Dept.</b> DEV/CO
<b>8. CCR Title:</b> Patch_6A.07_ESDT.21_GLAS						
<b>9. Originator Signature/Date</b> <b>Abdulnashir M. Shash /s/ 2/24/03</b>			<b>10. Class</b> <b>II</b>	<b>11. Type:</b> <b>CCR</b>	<b>12. Need Date:</b> 24Feb03	
<b>13. Office Manager Signature/Date</b> <b>Louis Swentek /s/ 2/24/03</b>			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Routine	
<b>16. Documentation/Drawings Impacted</b> (Review and submit checklist):			<b>17. Schedule Impact:</b>		<b>18. CI(s) Affected:</b> SDSRV/ESDT/INGEST	
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 24Feb03		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
<b>23. Problem: (use additional Sheets if necessary)</b> The GLAS team has requested that attribute changes be made to the ESDTs. For GLAANC04:1) The LongName and the CollectionDescription attribute value should be changed. For GLAANC22: 1) The ESDT descriptor file should be renamed to "DsESDTGIGLAANC26.001.desc" 2) The ShortName attribute value should be changed to "GLAANC26" 3) The LongName attribute and the CollectionDescription attribute value should be changed. Summary of NCRs: St=T, Sv=5, Bug id = ECSed36630, Subsystem = OPS_SDSRV_ESDT St=C, Sv=5, Bug id = ECSed36632, Subsystem = OPS_DBDM, Close-reason = Fixed						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Provided as Patch_6A.07_ESDT.21_GLAS						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> None						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Unable to support archiving GLAANC26 data at NSIDC						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> None						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>			<b>30. Work Assigned To:</b>		<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> <b>Mary S. Armstrong /s/ 02/24/03</b>			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>33. M&amp;O CCB Chair (Sign/Date):</b> <b>Debra Stepp /s/ 2/24/03</b>			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

# ADDITIONAL SHEET

**CCR #:** 03-0123      **Rev:**      - **Originator:** Abdulnasir M. Shash

**Telephone:** 301-925-0832      **Office:** 2009k

**Title of Change:** Patch\_6A.07\_ESDT.21\_GLAS

Clearcase:

Build one SUN5.8 tar file from 6A.07 baseline for the following packages:

.EcDsSdValids.pkg  
.EcDmDBValids.pkg

Build one IRIX65 tar file from 6A.07 baseline for the following package:

.EcInDBScripts.pkg

Build one SUN5.8 tar file from 6A.07 baseline for the following files:

/ecs/formal/ESDT/GI:  
DsESDTGIGLAANC04.001.desc  
DsESDTGIGLAANC26.001.desc

Please name the tarfile Patch\_6A.07\_ESDT.21\_GLAS

Please deliver the tar file to PVC and VATC

This is for NSIDC DAAC

DAAC Install Instruction

NOTE: 1) This patch includes new and modified ESDTs, and a new Ingest script. SDSRV valids and DMS valids are included to insure that the most current versions have been delivered. The installation of these packages may be skipped at the DAAC's discretion.

2) GLAANC22 has been replaced by GLAANC26.

## A. PreInstallation

1. Create a staging area with SOL8 and IRIX65 subdirectory
2. Copy Patch\_6A.07\_ESDT.21\_GLAS\_Feb-21-2003\_6A07\_iri65\* to /<staging\_area>/IRIX65 directory and run the setup script to untar the packages
3. Copy Patch\_6A.07\_ESDT.21\_GLAS\_Feb-20-2003\_6A07\_sun5.8\_20030220\_185910.tar to /<staging\_area>/SOL8 subdirectory and untar it

## B. Installation

### a) To Complete INGEST Installation

1. Login to the INGEST host
2. cd /usr/ecs/<MODE>/CUSTOM/dbms/INS
3. cp <staging\_area>/IRIX65/CUSTOM/dbms/INS/EcInDbESDT\_NCR36632.ksh .
4. chmod 775 EcInDbESDT\_NCR36632.ksh
5. Run script by entering the following:

EcInDbESDT\_NCR36632.ksh <MODE> <USERNAME> <SERVER> <DBNAME>

6. Input the mode, user name, server name, and database name for the INGEST server
7. You will be prompted for a Password. Enter the DBO password for the database.

### b) To install ESDT descriptor file

1. Logon to the sdsrv host
2. cd /usr/ecs/<MODE>/CUSTOM/data/ESS/
3. cp -p /<staging\_area>/SOL8/<descriptor file name> .
4. chmod 755 <descriptor file name>

Note: GLAANC26 is a new ESDT descriptor and has to be installed. GLAANC04 is an updateable descriptor. To Update the descriptor the SDSRV has to be brought down and brought up in maintenance mode.

5. To install (update) the ESDT descriptors, use the Science Data Server GUI
6. Using the STMGT GUI add a new Volume Group as well for the ESDT if necessary

#### C. PostInstallation

Restart the Science Data Server with Start Temperature warm